

Kathryn Robertson

(905) 906-7032 | kathryn.robertson3@gmail.com

Software Programing Summary

Matlab: Learned and used Matlab throughout all years of University. Was used to calculate and simulate lab results for various courses including fluid mechanics, thermodynamics, flight mechanics, linear mechanics and stress analysis. Designed and programmed the graphical user interface for the final year Capstone project.

C: Completed the Digital Computation and Programming course in University. Learned and applied the C program form, language statements, pseudo-code algorithmic representation, numerical data types, flow of control with selection and repetition, functions and call modes, arrays, pointers, sorting, matrix operations, and character and string data types.

C++: Completed the Introduction to Computer Programming course in Highschool. Learned C++ and applied by creating small game programs both individually and in groups as well as wrote and used subprograms.

HTML: Self-taught. Created and deployed various websites including family farm website, thistlebraefarm.com. Was the Branch Website Chair for Westover Pony Club and rebuilt branch website, westover.ponyclub.ca using Rapidweaver and HTML. Designed and set up the National Canadian Pony Club Online store using Shopify.

Education

- Ryerson University, Toronto, Ontario
- Bachelor of Engineering | June 2020
- Aerospace Engineering: Avionics
- Capstone Project: Programmed the graphical user interface for a 3 degree of freedom Quanser helicopter using Matlab coding.

Experience

August 2019– March 2020

Data Entry Clerk | Edge Imaging | Burlington, Ontario

Accurately and efficiently enter customer data and orders into the order management system. Monitor and update using the internal Job Tracking system. Escalate any inconsistencies with the photography or data.

March 2018– August 2019

Cashier | The Home Depot | Ancaster, Ontario

Responsible for operating the cash register and recording all of the customer's purchases in the store POS system. In addition, regularly help customers locate merchandise throughout the store and help process returns.

Volunteering

2019 - Present

District Commissioner | Westover Pony Club | Ancaster, Ontario

Charged with the overseeing and control of the Westover Pony Club Branch. Acting as a conduit for information, passing on current information, policy and rule changes from the Regional and National organizations to the membership and the Branch executive committee. Other roles also included the design of marketing material, design and deployment of the website and creation of content for the social media channels.

November 2017– November 2019

National Communication Chair | Canadian Pony Club

Wrote and planned social media posts for the National organization social media platforms. Created and published the National Newsletter. Worked with Regional Communication Chairs.

January 2016–December 2018

Active Member Director East | Canadian Pony Club

On the National Board of Directors representing the views of the youth membership. Held youth meetings at National events and organized social media campaigns for National Pony Club Day.

August 2015

Sport Equipment Crew | Toronto 2015 Pan Am Games | Innisfil, Ontario

Provide and distribute sport equipment during the games and ensured equipment was maintained, stored and secured.